



SPYWOLF

Security Audit Report



Completed on
January 9, 2023

@SPYWOLFNETWORK



@SPYWOLFNETWORK



SPYWOLF.CO





OVERVIEW

This audit has been prepared for **SpaceDoge** to review the main aspects of the project to help investors make an informative decision during their research process.

You will find a summarized review of the following key points:

- ✓ Contract's source code
- ✓ Owners' wallets
- ✓ Tokenomics
- ✓ Team transparency and goals
- ✓ Website's age, code, security and UX
- ✓ Whitepaper and roadmap
- ✓ Social media & online presence

“

The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal

”

- SPYWOLF Team -





TABLE OF CONTENTS

Project Description	01
Contract Information	02
Current Stats	03-04
Featured Wallets	05
Vulnerability Check	06
Threat Levels	07
Found Threats	08-A/08-D
Good Practices	09
Tokenomics	10
Team Information	11
Website Analysis	12
Social Media & Online Presence	13
About SPYWOLF	14
Disclaimer	15



SpaceDoge



PROJECT DESCRIPTION

According to their whitepaper:

Spacedoge is a Decentralised MemeToken. A revolutionary token inspired by ELON MUSK when he loaded dogecoin into space via Space X rocket and made dogecoin go down in history throughout the crypto world. \$SDOGE extends that further by bringing more utilities and ways to earn PASSIVE INCOME.

Release Date: Presale starts in January, 2023

Category: Meme token



CONTRACT INFO

Token Name
SpaceDoge

Symbol
SDOGE

Contract Address

0x4090027d03DA815a2A8f5FaC07EeCb31B7d57AA1

Network

Binance Smart Chain
TETNET

Language

Solidity

Deployment Date

January 07, 2022

Verified?

Yes

Total Supply

100,000,000,000

Status

Not launched

TAXES

Buy Tax

4%

Sell Tax

4%

*Taxes cannot be changed in future



Our Contract Review Process

The contract review process pays special attention to the following:

- ✓ Testing the smart contracts against both common and uncommon vulnerabilities
- ✓ Assessing the codebase to ensure compliance with current best practices and industry standards.
- ✓ Ensuring contract logic meets the specifications and intentions of the client.
- ✓ Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- ✓ Thorough line-by-line manual review of the entire codebase by industry experts.

Blockchain security tools used:

- OpenZeppelin
- Mythril
- Solidity Compiler
- Hardhat



CURRENT STATS

(As of January 09, 2022)



Liquidity

Not added yet



Burn

No burnt tokens

Status:
Not Launched!

MaxTxAmount
100,000,000

DEX
PancakeSwap

LP Address(es)



Liquidity not added yet



TOKEN TRANSFERS STATS

Transfer Count	TESTNET
Uniq Senders	TESTNET
Uniq Receivers	TESTNET
Total Amount	TESTNET
Median Transfer Amount	TESTNET
Average Transfer Amount	TESTNET
First transfer date	TESTNET
Last transfer date	TESTNET
Days token transferred	TESTNET

SMART CONTRACT STATS

Calls Count	TESTNET
External calls	TESTNET
Internal calls	TESTNET
Transactions count	TESTNET
Uniq Callers	TESTNET
Days contract called	TESTNET
Last transaction time	TESTNET
Created	TESTNET
Create TX	TESTNET
Creator	TESTNET



FEATURED WALLETS

Owner address	0xca3c056c7f4639d98ee2f6cc14ba3e67e9f43bd4
Marketing wallet	0xdD05d097e2E293F53Cd362847fa3B743939F33a6
Salary wallet	0xF8A2645dC25B54CcF5851682B3b3Eb61A902fdB7
LP address	LP has not yet been added

PRESALE STATS (Pinksale)

TESTNET CONTRACT

Total Supply	NOT YET LIVE AT THE TIME OF AUDIT
Tokens For Presale	NOT YET LIVE AT THE TIME OF AUDIT
Tokens For Liquidity	NOT YET LIVE AT THE TIME OF AUDIT
Soft Cap	NOT YET LIVE AT THE TIME OF AUDIT
Presale Start Time	NOT YET LIVE AT THE TIME OF AUDIT
Presale End Time	NOT YET LIVE AT THE TIME OF AUDIT
Listing On	NOT YET LIVE AT THE TIME OF AUDIT
Liquidity Percent	NOT YET LIVE AT THE TIME OF AUDIT
Liquidity Lockup Time	NOT YET LIVE AT THE TIME OF AUDIT



VULNERABILITY CHECK

Design Logic	Passed
Compiler warnings.	Passed
Private user data leaks	Passed
Timestamp dependence	Passed
Integer overflow and underflow	Passed
Race conditions and reentrancy. Cross-function race conditions	Passed
Possible delays in data delivery	Passed
Oracle calls	Passed
Front running	Passed
DoS with Revert	Passed
DoS with block gas limit	Passed
Methods execution permissions	Passed
Economy model	Passed
Impact of the exchange rate on the logic	Passed
Malicious Event log	Passed
Scoping and declarations	Passed
Uninitialized storage pointers	Passed
Arithmetic accuracy	Passed
Cross-function race conditions	Passed
Safe Zeppelin module	Passed
Fallback function security	Passed



THREAT LEVELS

When performing smart contract audits, our specialists look for known vulnerabilities as well as logical and access control issues within the code. The exploitation of these issues by malicious actors may cause serious financial damage to projects that failed to get an audit in time. We categorize these vulnerabilities by the following levels:

High Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

Medium Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

Low Risk

Issues on this level are minor details and warning that can remain unfixed.

Informational

Information level is to offer suggestions for improvement of efficacy or security for features with a risk free factor.



FOUND THREATS

Low Risk

*Owner can set max transaction limit, without limitations. If set to very low number, value of tokens that can be swapped may be lower than the fees associated with the transaction.

```
function setTransactionLimit(uint256 limit) public onlyOwner {  
    _transactionLimit = _totalTokens / limit;  
}
```

*In order to add liquidity, transaction limit should be equal or above the desired tokens amount for liquidity add.

- Recommendation:
 - Considered as good max transaction limitation practice is max transaction amount to be not lower than 0.1% of total supply.



Informational

Owner can exclude address from rewards.

```
function setExcludedFromRewards(address addr, bool isExcluded)
    public
    onlyOwner
{
    _addressesExcludedFromRewards[addr] = isExcluded;
    updateAutoClaimQueue(addr);
}
```

Owner can exclude address from fees.

```
function setExcludedFromFees(address addr, bool value) public onlyOwner {
    _addressesExcludedFromFees[addr] = value;
}
```



Informational

Set buy and sell fees functions are declared as internal and not accessible after contract deployment.

```
function setBuyFees(
    uint8 liquidityFee,
    uint8 rewardFee,
    uint8 buybackFee,
    uint8 marketingFee,
    uint8 salaryFee
) internal {
    _buyFee.liquidityFee = liquidityFee;
    _buyFee.rewardFee = rewardFee;
    _buyFee.buybackFee = buybackFee;
    _buyFee.marketingFee = marketingFee;
    _buyFee.salaryFee = salaryFee;
}

function setSellFees(
    uint8 liquidityFee,
    uint8 rewardFee,
    uint8 buybackFee,
    uint8 marketingFee,
    uint8 salaryFee
) internal {
    _sellFee.liquidityFee = liquidityFee;
    _sellFee.rewardFee = rewardFee;
    _sellFee.buybackFee = buybackFee;
    _sellFee.marketingFee = marketingFee;
    _sellFee.salaryFee = salaryFee;
}
```



Informational

Owner can initiate buy and burn with up to 100% of the contract's accumulated bnb balance.

Owner can set buy and burn percent from contract's accumulated bnb balance up to 1% at burn transaction.

```
function buyAndBurn(uint256 bnbAmount) external onlyOwner {
    require(bnbAmount > 0, "Amount must be greater than zero");

    doBuyAndBurn(bnbAmount);
}

function setGradualBurnMagnitude(uint256 magnitude) public onlyOwner {
    require(magnitude <= 100, "Must be equal or less to 100");
    _gradualBurnMagnitude = magnitude;
}

function processGradualBurn() private returns (bool) {
    if (!shouldBurn()) {
        return false;
    }

    uint256 burnAmount = (address(this).balance * _gradualBurnMagnitude) /
        10000;
    doBuyAndBurn(burnAmount);
    return true;
}

function doBuyAndBurn(uint256 bnbAmount) private {
    if (bnbAmount > address(this).balance) {
        bnbAmount = address(this).balance;
    }

    if (bnbAmount == 0) {
        return;
    }

    if (swapBNBForTokens(bnbAmount, BURN_WALLET)) {
        emit Burned(bnbAmount);
    }

    _lastBurnDate = block.timestamp;
}
```



Recommendations

- Exclude owner/presale address from fees for initial liquidity add or leave `_isFeeEnabled` to its default value (`false`).
- For future tax flexibility and full scope contract usage, change visibility of `setBuyFees` and `setSellFees` functions from **internal** to **public**. Considered as good practice is buy and sell limits combined not to exceed 25%.
- For initial liquidity add, transaction limit should be equal or above the desired tokens amount for liquidity add.



RECOMMENDATIONS FOR

GOOD PRACTICES

1

Consider fundamental tradeoffs

2

Be attentive to blockchain properties

3

Ensure careful rollouts

4

Keep contracts simple

5

Stay up to date and track development

Space Doge

GOOD PRACTICES FOUND

- ✓ The owner cannot mint new tokens after deployment
- ✓ The owner cannot stop or pause the contract



There is no information about initial tokens distribution based on the project's whitepaper and/or website.

TOKENOMICS



THE TEAM

! The team is anonymous

KYC INFORMATION

! No KYC

We recommend the team to get a KYC in order to ensure trust and transparency within the community.





WEBSITE

Website URL

<https://spacedoge.club/>

Domain Registry

<https://www.namecheap.com>

Domain Expiration

Expires on 2023-12-27

Technical SEO Test

Passed

Security Test

Passed. SSL certificate present

Design

Single page design,
appropriate color scheme
and very nice graphics.

Content

The information helps new
investors understand what
the product does right away.
No grammar mistakes
found.

Whitepaper

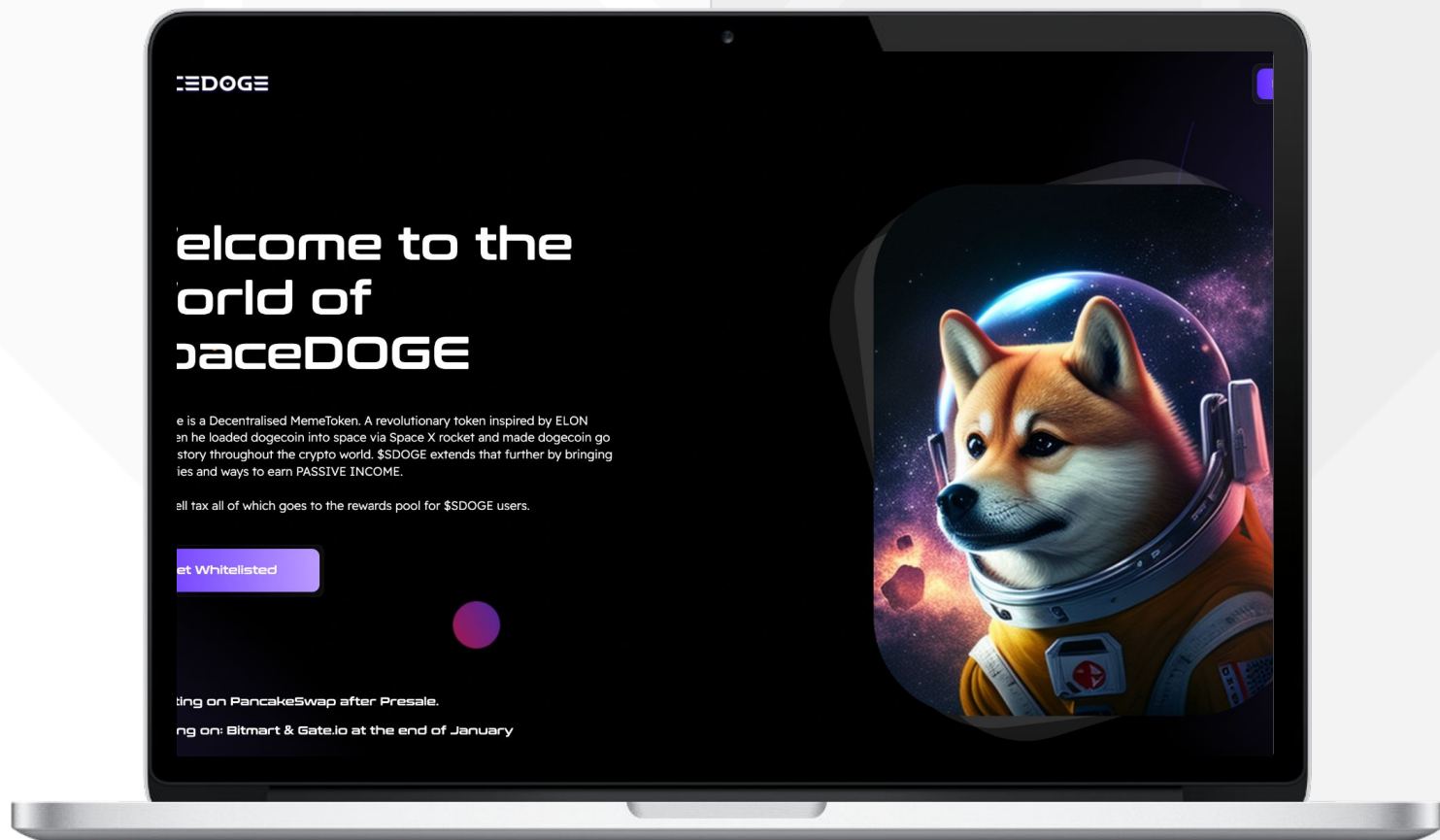
No whitepaper.

Roadmap

Yes, goals set with time
frames.

Mobile-friendly?

Yes



spacedoge.club

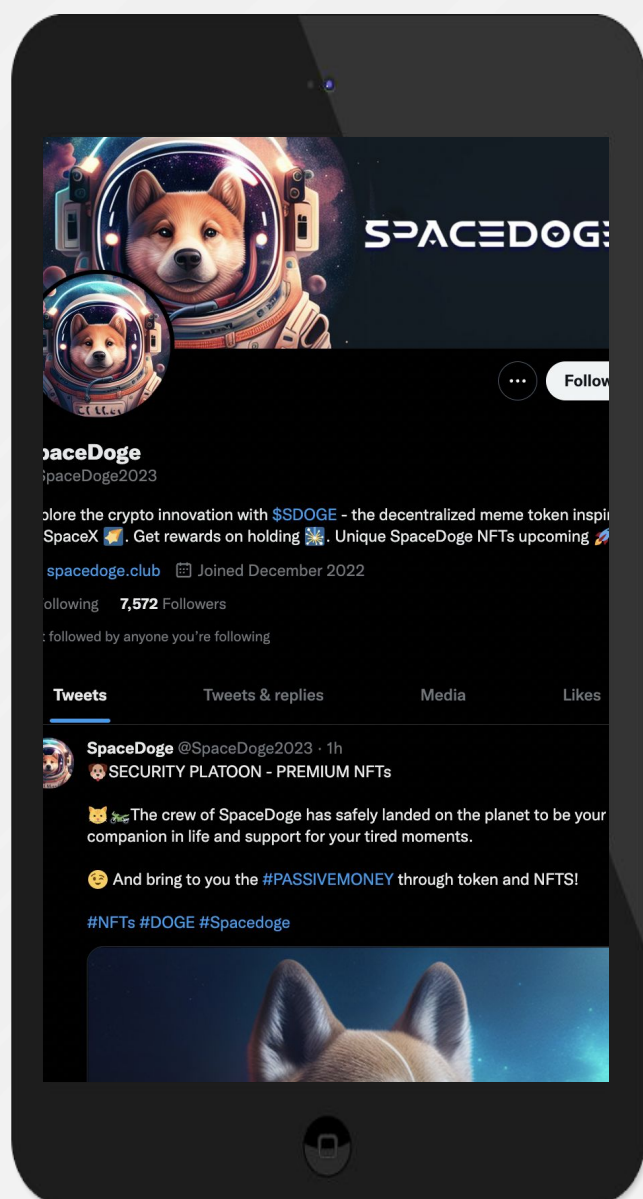


SOCIAL MEDIA & ONLINE PRESENCE



ANALYSIS

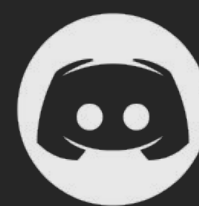
Project's social media channels of communication are active



Twitter

@SpaceDoge2023

- 7 144 followers
- Active
- Posts frequently



Discord

- Not available



Telegram

@spacedogeclub

- 22 members
- Channel
- Daily announcements



Medium

- Not available



SPYWOLF

CRYPTO SECURITY

Audits | KYCs | dApps
Contract Development

ABOUT US

We are a growing crypto security agency offering audits, KYCs and consulting services for some of the top names in the crypto industry.

- ✓ OVER 150 SUCCESSFUL CLIENTS
- ✓ MORE THAN 500 SCAMS EXPOSED
- ✓ MILLIONS SAVED IN POTENTIAL FRAUD
- ✓ PARTNERSHIPS WITH TOP LAUNCHPADS, INFLUENCERS AND CRYPTO PROJECTS
- ✓ CONSTANTLY BUILDING TOOLS TO HELP INVESTORS DO BETTER RESEARCH

To hire us, reach out to
contact@spywolf.co or
t.me/joe_SpyWolf

FIND US ONLINE



[SPYWOLF.CO](https://spywolf.co)



[SPYWOLF.NETWORK](https://spywolf.network)



[@SPYWOLFNETWORK](https://t.me/SPYWOLFNETWORK)



[@SPYWOLFOFFICIAL](https://t.me/SPYWOLFOFFICIAL)



[@SPYWOLFNETWORK](https://twitter.com/SPYWOLFNETWORK)



[@SPYWOLFNETWORK](https://github.com/SPYWOLFNETWORK)



Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

DISCLAIMER:

By reading this report or any part of it, you agree to the terms of this disclaimer. If you do not agree to the terms, then please immediately cease reading this report, and delete and destroy any and all copies of this report downloaded and/or printed by you. This report is provided for information purposes only and on a non-reliance basis, and does not constitute investment advice.

No one shall have any right to rely on the report or its contents, and SpyWolf and its affiliates (including holding companies, shareholders, subsidiaries, employees, directors, officers and other representatives) (SpyWolf) owe no duty of care towards you or any other person, nor does SpyWolf make any warranty or representation to any person on the accuracy or completeness of the report.

The report is provided "as is", without any conditions, warranties or other terms of any kind except as set out in this disclaimer, and SpyWolf hereby excludes all representations, warranties, conditions and other terms (including, without limitation, the warranties implied by law of satisfactory quality, fitness for purpose and the use of reasonable care and skill) which, but for this clause, might have effect in relation to the report. Except and only to the extent that it is prohibited by law, SpyWolf hereby excludes all liability and responsibility, and neither you nor any other person shall have any claim against SpyWolf, for any amount or kind of loss or damage that may result to you or any other person (including without limitation, any direct, indirect, special, punitive, consequential or pure economic loss or damages, or any loss of income, profits, goodwill, data, contracts, use of money, or business interruption, and whether in delict, tort (including without limitation negligence), contract, breach of statutory duty, misrepresentation (whether innocent or negligent) or otherwise under any claim of any nature whatsoever in any jurisdiction) in any way arising from or connected with this report and the use, inability to use or the results of use of this report, and any reliance on this report. The analysis of the security is purely based on the smart contracts, website, social media and team.

No applications were reviewed for security. No product code has been reviewed.